Data Linkage and Its Role in Identifying Blood Lead Levels, Related Environmental Data, and Medicaid Data

Plenary and Concurrent Session Abstract Form

Moderator:

Roger W. Gibson, MPH, Asst Administrator/Senior Epidemiology Specialist, Office of Surveillance, Missouri Department of Health and Senior Services

Presenters:

Wendy J. Blumenthal, MPH, Epidemiologist, Lead Poisoning Prevention Branch, CDC
Eliminating Lead Poisoning through Improved Data Integration

Jeffrey D. Patridge MA, GIS Analyst, Office of Surveillance, Missouri Dept of Health and Senior Services
Using Technology in the Fight to End Childhood Lead Poisoning in St. Louis City

Jeffrey Havlena, MS, Wisconsin Childhood Lead Poisoning Prevention Program
Tracking Childhood Lead Testing and Poisoning in Wisconsin

Session Abstract:

Childhood lead poisoning continues to be a major and preventable environmental public health risk affecting approximately 434,000 children in the United States. Damage caused by lead poisoning to a child is permanent and irreversible. This session provides an overview of different types and methods of data linkages to provide direction and assistance in dealing with childhood elevated blood levels and associated environmental conditions.

Learning Objectives:

After attending this session, the participant will be able to:

1. Understand and learn about CDC efforts to promote and support data linkage related to childhood lead poisoning prevention
2. Learn about how data linkage fits with CDC Lead Poisoning Prevention Branch strategic goals for the elimination of lead as a public health problem by 2010
3. Assess and evaluate methods associated with spatial analysis of multiple layers of data
4. Recognize the value of incorporating GIS technology with epidemiological methods.